AMENDMENT TO THE CLAIMS

The following is a detailed listing of all claims that are, or were, in the Application.

Claims 1-38. (Canceled)

39. (Currently amended)   A method implemented by an apparatus for processing multimedia content and information related to multimedia content consumption, the method comprising:

receiving a multimedia program having a program identifier identifying the multimedia program;

receiving content description about the multimedia program, the content description including a plurality of description elements;

collecting information about consumption of multimedia content, the collected information identifying a user action related to consumption of content in the multimedia program;

storing a usage history in the apparatus, the usage history including a user action list that is separate and distinct from the content description and includes a user action item corresponding to the user action, the user action item of the usage history including the program identifier and a link to a particular location where a specific element of the content description about the multimedia program is located, wherein the specific element of the content description is related to the content consumed from the multimedia program in relation to the user action and the particular location is separate from the user action list; and

using the link in the user action item of the usage history to generate user preference information including a user preference item and a preference value corresponding to the user preference item, wherein the user preference item corresponds to the specific element of the content description.

40. (Canceled)

41. (Previously presented)   The method of claim 39, wherein the program identifier includes a title of the multimedia program.

42. (Previously presented)   The method of claim 39, wherein the user action item specifies an action time identifying a time of occurrence for the user action.

43. (Previously presented)   The method of claim 39, wherein the usage history specifies an observation period defining a time period for recording multimedia consumption.

44. (Canceled)

45. (Previously presented)   The method of claim 39, wherein the link to the particular location includes a URL.

46. (Previously presented)   The method of claim 39, wherein the specific element of the content description specifies an actor of the multimedia program.

47. (Previously presented)   The method of claim 39, wherein the specific element of the content description specifies a director of the multimedia program.

48. (Currently amended)   A system for processing multimedia content and information related to multimedia content consumption, the system comprising:
   a data storage device; and
   data processing apparatus configured to perform operations comprising:

receiving a multimedia program having a program identifier identifying the multimedia program;

receiving content description about the multimedia program, the content description including a plurality of description elements;

collecting information about consumption of multimedia content, the collected information identifying a user action related to consumption of content in the multimedia program;

storing a usage history in the data storage device, the usage history including a user action list that is separate and distinct from the content description and includes a user action item corresponding to the user action, the user action item of the usage history including the program identifier and a link to a particular location where a specific element of the content description about the multimedia program is located, wherein the specific element of the content description is related to the content consumed from the multimedia program in relation to the user action, and the particular location is separate from the user action list; and

using the link in the user action item of the usage history to generate user preference information including a user preference item and a preference value corresponding to the user preference item, wherein the user preference item corresponds to the specific element of the content description.

49. (Canceled)

50. (Previously presented)   The system of claim 48, wherein the user action item specifies an action time identifying a time of occurrence for the user action.

51. (Previously presented)   The system of claim 48, wherein the usage history specifies an observation period defining a time period for recording multimedia consumption.

52. (Canceled)

53. (Previously presented)   The system of claim 48, wherein the link includes a URL.

54. (Currently amended)   A computer program product, tangibly embodied in a machine readable storage medium, for processing multimedia content and information related to multimedia content consumption, the computer program comprising instructions to cause a data processing apparatus to perform operations comprising:

receiving a multimedia program having a program identifier identifying the multimedia program;

receiving content description about the multimedia program, the content description including a plurality of description elements;

collecting information about consumption of multimedia content, the collected information identifying a user action related to consumption of content in the multimedia program;

storing a usage history in the data processing apparatus, the usage history including a user action list that is separate and distinct from the content description and includes a user action item corresponding to the user action, the user action item of the usage history including the program identifier and a link to a particular location where a specific element of the content description about the multimedia program is located, wherein the specific element of the content description is related to the content consumed from the multimedia program in relation to the user action, and the particular location is separate from the user action list; and

using the link in the user action item of the usage history to generate user preference information including a user preference item and a preference value corresponding to the user preference item, wherein the user preference item corresponds to the specific element of the content description.

55. (Canceled)

56. (Previously presented)   The computer program product of claim 54, wherein the user action item specifies an action time identifying a time of occurrence for the user action.

57. (Previously presented)   The computer program product of claim 54, wherein the usage history specifies an observation period defining a time period for recording multimedia consumption.

58-59. (Canceled)

60. (Previously presented)   The method of claim 39, further comprising:
updating the user preference information based on the usage history.

61. (Canceled)

62. (Previously presented)   The system of claim 48, wherein the data processing apparatus is further configured to perform operations comprising:
updating the user preference information based on the usage history.

63. (Previously presented)   The computer program product of claim 54, further comprising instructions to cause data processing apparatus to perform operations comprising:
updating the user preference information based on the usage history.

64. (Currently amended)   A method implemented by an apparatus for processing multimedia content and information related to multimedia content consumption, the method comprising:

receiving a multimedia program having a program identifier identifying the multimedia program;

receiving content description about the multimedia program, the content description including a plurality of description elements;

collecting information identifying a user action related to consumption of content in the multimedia program;

storing a usage history in the apparatus, the usage history including a user action list that is separate and distinct from the content description and lists at least the user action and includes the program identifier, a corresponding user action time, and a link to a particular location where a specific element of the content description is located, wherein the particular location is separate from the user action list;

using the link in the usage history to generate user preference information including a user preference item and a corresponding preference value, wherein the user preference item corresponds to the specific element of the content description; and

updating the user preference information based on the usage history.

65. (Previously presented)   The method of claim 64, wherein the program identifier includes a title of the multimedia program.

66. (Canceled)

67. (Previously presented)   The method of claim 64, wherein the link to the particular location includes a URL.

68.   (Previously presented) The method of claim 39, wherein the user action includes a replay or a fast forward of a portion of the multimedia program.

69   (Previously presented) The method of claim 39, wherein the content description about the multimedia program includes a hierarchy of the plurality of description elements.